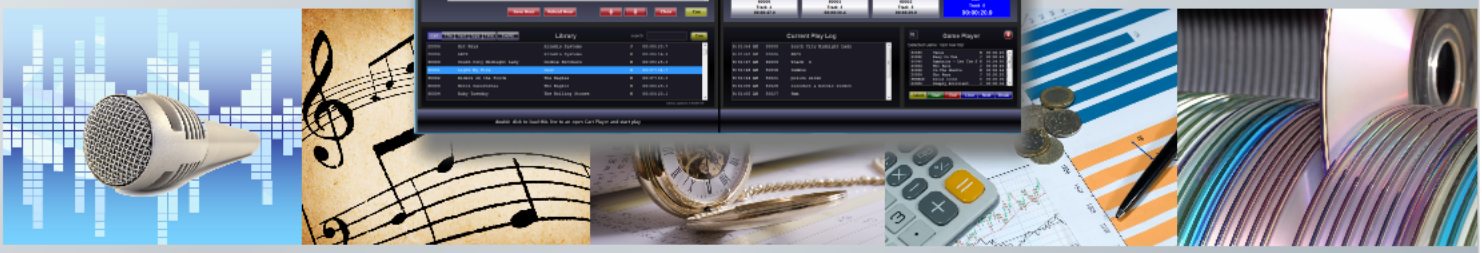
Radio by Arrakis

Advanced Studio products for Professional Radio

- Broadcast
- Online
- Convergence

Automation



Audio networks

Furniture

Bluetooth inside

Consoles

over 30 years of leadership...

ABOUT ARRAKIS

Arrakis Systems inc. is a leading manufacturer of electronic and furniture products for a wide variety of audio industries: Radio, TV, Recording, Commercial sound, and Consumer sound.

Major Arrakis product lines for Radio include mixing consoles for On Air Radio, Digital Audio Storage Systems for Live and Automated On Air playback, and Studio Furniture Systems. Arrakis products are sales leaders in each product area and are distinguished by innovative features, performance, and modest price.

Founded in the mid-1970s, Arrakis Systems has been a ground breaking technology leader in hard disk audio storage systems, analog and digital mixing consoles, innovative modular furniture systems with metal and panel designs, and much more. Because of our strengths in studio hardware and software design, Arrakis is uniquely positioned in today's 'Converging' media marketplace. Whether for on air broadcast, on line streaming, or any other audio delivery system, Arrakis provides the complete solution for audio program production and distribution. Today, Arrakis remains in the forefront of high tech engineering and manufacturing design for professional audio.

Arrakis customers include prestigious broadcasters around the world from New York, to Tokyo, to Moscow, to Paris. Arrakis customers include the United States Army, Navy, and Air Force.

Arrakis Systems is committed to pushing the envelope and providing customers with new and innovative products developed from today's powerful emerging technologies.

Products

- ARC-8 analog console
- ARC-10 analog console
- ARC-15 analog console
- MARC-15 modular console
- X-MIXER digital console
- AARCNET ethernet audio networking
- DIGILINK-XTREME automation software
- NEW~WAVE Radio automation software
- DHD Advanced Radio automation software
- ACCENT line studio furniture

Arrakis Systems has been designing and manufacturing audio consoles for radio since the late 1970's. During those three decades, thousands of Arrakis consoles have been sold worldwide. Today, Arrakis remains an innovative leader in radio console technology with cutting edge analog and digital console product lines.

ARC-8 analog console

FEATURES

... 10 source inputs:
2 mic, 7 stereo line, 1 PC USB
... 8 input channels
.. 2 high quality Mic channels
with optional 48VDC phantom power
.. 5 stereo line input channels
with both unbalanced and balanced inputs
.. Channel 8 is selectable between a PC USB
sound card input & a stereo line input
... Bluetooth cell phone and streaming optional,
When used with a cell phone a hybrid is not rqrd
... Stereo Program Mixing bus
with both balanced and unbalanced outputs
... PC USB output of the Program bus
for recording in digital direct to your PC
... Monitor, Headphone, and Cue system
with External input for off air monitoring
... Cue system autocues (with Program dimming)
into the Monitor & Headphone systems
... Balanced Mix minus Telephone output
for interfacing with an external phone hybrid
... Conductive plastic slide faders & LED switch lamps
for long life
... Polycarbonate overlay graphics
for a scratch resistant front surface

*DHD-Live, free with ARC-8

With a single stereo mixing bus, the ARC-8 is ideal for fast paced live on air, production, and remote applications. Two mics supports a host and guest talk format. The mix minus bus (for an external hybrid) supports Telephone talk formats or call ins. The 'Talk' button on mic channel one feeds the mic to the caller and the caller to the console cue system... fast and easy! The ARC-8 even has a built in PC USB sound card on channel 8B to play in digital directly from your favorite PC audio software. At the same time, the Program output from the console records in digital over the USB directly to your PC recording software. Arrakis even provides PC play and record software with the system to get you on air & doing production immediately.

Channel seven is an advanced telephone interface to an external telephone hybrid. With the Bluetooth option, channel seven can also wirelessly interface with cell phones and stream audio from Bluetooth enabled MP3 players, Tablets, and more. With the Bluetooth option, only a cell phone, not a special telephone hybrid is required.

The ARC-8 is also easy to install with BOTH professional balanced and consumer unbalanced input & output jacks. The ARC-8 is ideal for any on air or production radio application!

Bluetooth inside

With industry standard plug in connectors on the rear panel, the console is fast and easy to install.

ARC-8X	8 channel analog console	$849
ARC-8X-Blue	ARC-8X console w Bluetooth	$1,099
ARC-48V	48 V phantom power option	$69
ARC-XLR	RJ45 to dual XLR cable (10ft)	$29

Bundle the ARC-8X & NEW~WAVE software $1,349
...bundle and save $250 !!!

Power
110vac - 220 VAC, 50-60 hz, autosensing
Certified: UL, CE, CS, CB
External inline module: 3"W x 5 3/4"L x 1 3/4"D

Size: Depth -11 1/2", Height - 2", Width- 18"

ARC-10 analog console

FEATURES

... Very low cost Radio console
... for On Air Radio, Internet Radio, & Podcasting
... Three models to choose from...
  ... ARC-10U unbalanced model
  ... ARC-10UP unbalanced with USB sound card
  ... ARC-10BP balanced with USB sound card
... Blue tooth option available on all models
... Bluetooth cell phone and streaming optional
    when used with a cell phone a hybrid is not rqrd
... Ten channels, single input per channel
  ... Two high performance mic channels
      (optional phantom power)
  ... Six stereo line input channel
  ... One telephone input channel for phone hybrid
  ... One USB PC sound card channel (optional)
... Two stereo output buses: Program & Audition
... Mono mix output for both Program & Audition
... Monitor, Headphone, & Cue systems
... Headphone drives 8 ohm & Hi-Z headphones
... Built-in Cue amplifier and speaker
... 5 million operation switches
... LED illumination for switches
... Real VU meters
... Below fader Channel On-off switch
... Remote source control Logic
... Talk studio monitor & logic
... 1 year warranty

*DHD-Live, free with usb ARC-10

The ARC-10 comes in three base models and is a general purpose console that meets the needs for most On Air Radio & Radio Production studio applications. All models have the same front panel operation and differ only in the types of input sources that they accommodate. The choice of model tailors the console to the specific studio application. Two of the models (ARC-10U & ARC-10UP) support standard unbalanced consumer style source equipment with off the shelf cables for installation similar to a home stereo system. The third model (ARC-10BP) supports balanced professional sources which may require custom cables by experienced radio personnel.

The ARC-10 features ten mixing channels. Channels One & Two are high performance mic channels for on air talent with a guest. Seven stereo line input channels easily handle the other audio sources, such as CD players, found in most studios. Channel nine (ARC-10UP & ARC-10BP) features a Windows PC USB sound card for use with Live On Air, Automation, & Production software.

Channel ten is an advanced telephone interface to an external hybrid for Live callers or an Off-line contest call. With the Bluetooth option, channel ten can also wirelessly interface with cell phones and stream audio from Bluetooth enabled MP3 players, Tablets, and more...

Power
110vac - 220 VAC, 50-60 hz, autosensing
Certified: UL, CE, CS, CB
External inline module: 3"W x 5 3/4"L x 1 3/4"D
Size: Depth - 15", Height - 6", Width- 24"

ARC-10U	unbalanced	$1,699
ARC-10UP	unbalanced with USB sound	$2,099
ARC-10BP	balanced with USB sound	$2,599

Bluetooth option for any ARC-10 model: $300

ARC-15 analog console

FEATURES

... Very low cost Radio console
... for On Air Radio, Internet Radio, & Podcasting
... 15 channels, single input per channel
  ... 1-5 high performance mic channels
    (jumper selectable)
    (optional phantom power)
  ... 8-12 stereo line input channels
  ... One telephone input channel for phone hybrid
  ... One USB PC sound card channel
... Bluetooth cell phone and streaming optional
    when used with a cell phone a hybrid is not rqrd
... Two stereo output buses: Program & Audition
... Mono mix output for both Program & Audition
... Monitor, Headphone, & Cue systems
... Headphone drives 8 ohm & Hi-Z headphones
... Built-in Cue amplifier and speaker
... 5 million operation switches
... LED illumination for switches
... Real VU meters
... Below fader Channel On-off switch
... Remote source control Logic
... Talk studio monitor & logic
... 1 year warranty

Bluetooth inside

The ARC-15 is designed for Live air, production, news, talk studio applications with a host and up to 4 guests, and for a single line phone call in show. With both Program & Audition buses the ARC-15 can operate on air while recording on the Audition bus. The telephone mix minus bus can be selected to Program for live air, Audition for recording, or both.

The console features fifteen mixing channels. Channel 1 is a high performance mic channel. Channels 2-5 are jumper selectable as high performance mic channels or balanced stereo line channels. The ability for the ARC-15 to be jumper configured for up to 5 mic channels is ideal for talk studio applications. The mic channels also feature talk turret control logic for On-off.cough,talkback for talk studio logic control.

Channel 14 is jumper selectable between a Windows PC USB sound card and an unbalanced stereo line level consumer channel. The console comes standard with software for Live On Air.

Channel 15 is an advanced telephone interface to an external hybrid for Live callers or an Off-line contest call. With the Bluetooth option, channel ten can also wirelessly interface with cell phones and stream audio from Bluetooth enabled MP3 players, Tablets, and more. When linked to a cell phone, a telephone hybrid is not required.

With fifteen channels, the ARC-15 has the capacity to easily handle most on air & production studio applications.

ARC-15BP	balanced with USB sound	$3,799
ARC-15BP-Blue	ARC-15BP with Bluetooth	$4,099

Power
110vac - 220 VAC, 50-60 hz, autosensing
Certified: UL, CE, CS, CB
External inline module: 3"W x 5 3/4"L x 1 3/4"D

Size: Depth - 15", Height - 6", Width- 33"

MARC-15 modular analog console

FEATURES

... powerful modular console
... for On Air Radio, Internet Radio, & Podcasting
... 15 input module mainframe
... 2 inputs per channel (A/B)
... Three stereo output buses: Pgm, Aud, Utl
... Mono mix output for all three buses
... Supports two phone modules
... Monitor, Headphone, & Cue systems
... Input Modules
  ... Mic module: w phantom power
    with on-off-cough-talkback logic
  ... Stereo line module:
    with remote source start stop
  ... Phone module: two per mainframe
  ... PC-USB: to play/record from a PC
... Studio Monitor module: for a talk studio
... Headphone drives 8 ohm & Hi-Z headphones
... Built-in Cue amplifier and speaker
... 5 million operation switches
... LED illumination for switches
... Real VU meters
... Easy install with RJ45 connectors (cables supplied)
... 1 year warranty

*DHD-Live, free with usb MARC

The MARC-15 is a feature laden, professional analog console that is perfect for On Air radio, Production, and News applications. The modular design allows the console to be configured exactly to the studio's needs and to be easily serviced. The 15 channels with up to 30 source inputs meets even the largest studio's needs. Three output buses easily handles on air, background production, and a third mix for the most complex shows. The mainframe supports up to 2 phone modules for two simultaneous callers. The console even features a PC-USB input module so that the console can play from and record to a Windows PC in digital. The optional Studio Monitor module facilitates Control room-Talk studio applications. Also, installation is fast and easy with the attractive low profile tabletop design and the RJ45 terminated cables that come included with the console. The engineer only need terminate the other end of the cable for the specific source device. Prewired cables are an expensive option for competing products.

MARC-15-8	15 ch mainframe w 8 modules	$5,499
MARC-15-12	15 ch mainframe w 12 modules	$5,999
MARC-15-15	15 ch mainframe w 15 modules	$6,999
MARC-MIC	Mic module	$500
MARC-STL	Stereo line module	$500
MARC-PHN	Phone module	$500
MARC-USB	PC-USB module	$500
MARC-STM	Studio monitor module	$500

Power
110vac - 220 VAC, 50-60 hz, autosensing
Certified: UL, CE, CS, CB
External inline module: 3"W x 5 3/4"L x 1 3/4"D
Size:
Depth - 20", Height - 6 3/4", Width- 37 1/2"

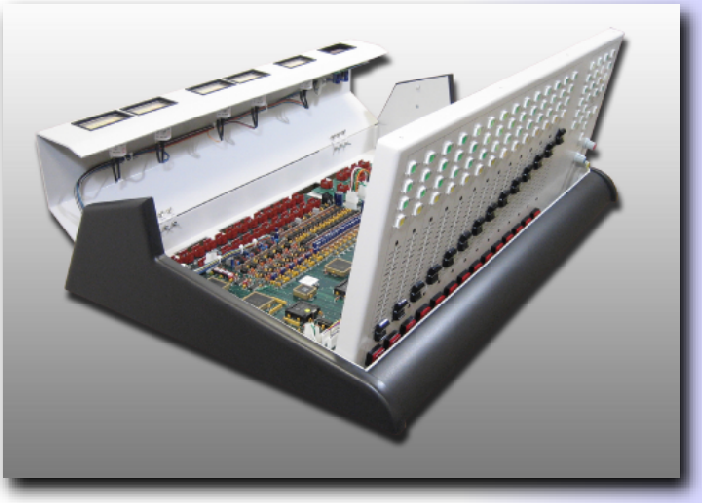
X-MIXER series digital consoles

FEATURES

... high quality digital console
... 2 models to choose from
... Two Stereo & one Mono Mixing buses
... powerful telephone interface
... both analog and digital IO
... LED illuminated switches
... Timer with manual and automatic control
... 1 year warranty

The Arrakis Xtreme-mixer is a powerful digital audio console that supports BOTH analog and digital sources. Designed for professional level reliability, the console features five million operation switches, Penny & Giles slide faders, and LED illumination for all switches. Installation is quick and easy with a clamshell design that just flips open and with strain relieved connectors. Most ICs are socketed for ease of replacement. The console features 3 mixing buses, stereo cue, monitoring for a control room and studio, and a powerful telephone interface for 'on air' talk shows and 'off-line' recording and communication. With two models, the X-mixer is ideal for any size on air or production application.

Size
X-mix-14
7 3/8" High x 32 1/2" Wide x 21 1/2" Deep



Inputs
X-mix-14-14 (14 input model)
(2) analog mic,
(10) analog, stereo line
(2) AES-3 (software assignable)

X-mix-14-22 (22 input model)
(4) analog mic,
(8) analog, stereo line
(10) AES-3 (software assignable)

X-MIX-14-14	14 input X-MIXER digital console	$5,995
X-MIX-14-22	22 input X-MIXER digital console	$6,995

Radio Consoles

Console Comparison Chart

DESCRIPTION	ARC-8	ARC-10	ARC-15	MARC-15	XMIX-14	XMIX-22
Basic Features	Analog	Analog	Analog	Analog	Digital	Digital
Modular	---	---	---	Yes	---	---
Audio switching	mechanical	electronic	electronic	electronic	digital	digital
# of Channels	8	10	15	8 to 15	14	14
Total Inputs	10	10	15	up to 30	14	22
Output Buses	1	2	2	3	3	3
Phone buses	1	1	1	2	1	1
Price	$849	$1699-2899	$3,799	$5,499 & up	$5,995	$6,995
Input channels						
Inputs per Channel	1	1	1	2	1	1
Mic channels	2	2	1-5	MIC module	2	4
Analog Line inputs	6	6	10-14	STL module	10	8
Digital	1	1	1	USB module	2	10
Audio	PC USB	PC USB	PC USB	PC USB	AES3	AES3
Logic (PC control)	---	Yes	Yes	Yes	---	---
Phone	1	1	1	2	1	1
Hybrid logic	---	Yes	Yes	Yes	Yes	Yes
Source logic	---	IC	IC	Reed relay	Xister gnd	Xister gnd
Mic Turret Logic	---	---	---	Yes	Yes	Yes
Output buses						
Program	Bal & Unbal	Bal & Unbal	Bal & Unbal	Balanced	AES3/bal	AES3/bal
Audition	---	Unbal	Unbal	Balanced	AES3/bal	AES3/bal
Utility	---	---	---	Balanced	Mono/bal	Mono/bal
Mono mix	---	P/A unbal	P/A unbal	P/A/U bal	---	---
Mix minus buses	1	1	1	2	1	1
Control Room Monitor						
External Inputs	1, unbal	1, unbal	1, unbal	1, balanced	1, balanced	1, balanced
Output (bal vs unbal)	unbal	unbal	unbal	balanced	balanced	balanced
Studio Monitor						
Output (bal vs unbal)	---	unbal	unbal	balanced	---	---
Stu monitor selector	---	CR mon	CR mon	STM module	---	---
Cue						
Autocue to Monitor	Yes	---	---	---	Yes	Yes
Output to Ext Amp	---	---	---	mono/unbal	mono/unbal	mono/unbal
Internal Cue speaker	---	Yes	Yes	Yes	---	---
Headphone output	hi-Z	8 ohm amp	8 ohm amp	bal & 8 ohm	balanced	balanced
Muting buses	1	1	1	2	1	1
Talkback	---	Audio & Logic	Audio & Logic	Audio & Logic	Audio & Logic	Audio & Logic
Audio Meters	LED	2 VU	4 VU	6 VU	5 VU	5 VU
Timer	---	---	---	Yes	Yes	Yes

1) Balanced or bal = active balanced analog input or output
2) Unbal = unbalanced -10dBu input or output
3) PC-USB is a Windows compatible audio soundcard internal to the console
(4) AES3 = balanced digital input or output

NOTES:

1) BLUETOOTH Optionally available on the ARC-8, ARC-10, ARC-15.

2) ARC-8 features built in USB sound card standard.

3) ARC-10 is available in 3 models. ARC-10U has unbalanced inputs. ARC-10UP has unbalanced inputs with built in USB sound card. ARC-10BP is balanced with built in USB sound card.

4) ARC-15 Channels 2-5 can be jumper selected as either mono Mic level or Balanced stereo line level.

5) MARC-15 is a modular console that supports up to 15 input/option modules. It supports two phone modules with conferencing.

6) X-MIX is a digital console with both analog and digital input channels. The program and audition outputs have both analog and digital out. The third bus is Mono with a balanced analalog output.

Accessory Products

AARC-NET ethernet audio networking

AARC-NET from Arrakis Systems is a seamless integration of Arrakis consoles & automation, 'Cobranet' audio networking products, and Arrakis software. Cobranet is THE world standard in audio networking with over 1,000,000 nodes installed. All Cobranet products from different manufacturers work together to form a powerful audio network. The core of the AARC-NET network are Cobranet products from AudioScience. Plug-in compatible with the Arrakis ARC & MARC & X-MIXER consoles, installation & setup takes minutes. No more punchblocks or multipair cables. Changing a wiring connection is a simple software choice. AARC-NET is fast, easy, and inexpensive.

One of the important features of AARCNET is that it integrates standard analog and digital consoles onto the network instead of using expensive network based digital mix engines. You can therefore integrate consoles that you already own into the system. This makes repair and maintenance easy, and your console doesn't fail when the network crashes. Most importantly, AARC-NET is world standard Cobranet, not a custom one-of-a-kind network.

Inexpensive... a standard AARC-NET system is 1/3rd to 1/2 the price of competing systems, thus bringing networked audio within the reach of the entire radio market.

DHD-DAC USB audio player

msrp **$500**

The Arrakis DHD-DAC stereo audio player is a play only USB sound card for use with Windows PCs and USB HID Compatible Apple computers. It is designed for professional audio applications that require +4dBu balanced audio levels. It features an extremely high audio performance digital to analog converter (0.006% THD and 98dB dynamic range typical). With both analog and SPDIF digital outputs, it is perfect for professional audio applications. It also features industry standard XLR and RJ45 audio connector outputs for ease of installation. The DHD-DAC is ideal for use with Arrakis 'NEW~WAVE' and 'Digilink-HD' radio automation systems.

ARC-16SW PC controlled switcher

msrp **$995**

The ARC-16SW is a fully balanced, 16 stereo input by 3 stereo output analog routing switcher that is PC controlled. The software supports client server applications for control from any studio. The 16 by 3 on screen button array is easy to label and easy to use... even supports touch screens. All inputs and outputs can be trim pot adjusted from professional +4dBu levels to consumer -10dBu levels.

The ARC-16SW is ideal for adding inputs to a studio, selecting sources for the on air transmitter chain, or any other professional Radio application.

Radio Automation

LIVE~ASSIST software suite

msrp **$299**

Get two Live Assist software products for the price of one. New~Wave-Lite is powerful and yet extremely easy to configure and use. It features a multipage Hot Key list and Play list player. In contrast, DHD-Live is designed for the sophisticated power user. With custom user profiles, configurable screen layout, support for multiple sound cards, and much more, DHD-Live is ideal for more complex studio applications.

NEW~WAVE~LITE

- Perfect for Live On Air, Production, & Remotes
- Triple Play Hot Keys
- 24 Hot Keys per page, quickly assignable
- As many Hot Key pages as you need
- Playlist player... save and reload playlists
- Built in Recorder to record your Programs
- Simultaneous use of Hot Keys, Playlists, & Recorder

NEW~WAVE~LITE... is a Windows PC based software solution for Live Radio programming for Broadcast or Internet streaming applications. Quickly assignable Hot Keys are perfect for collecting all of the files you will use for a live or recorded Radio program, and LITE supports 24 Hot Keys per page and thousands of saved pages. Play up to 3 hot keys at the same time. For longer programs, the LITE Play List Player is ideal. Create a Play List of any number of sequential events and then either save it for later use or play it immediately to air. Insert BREAK events in the play list and the play list will stop at that point for insertion of a live segment. The play list even supports overlapping play for perfect music segues and professional radio sound. The built in recorder can record your live program for later use or replay to air. LITE is powerful and yet easy to use.

DHD-Live

DHD-Live is the ultimate live assist software for any Internet or Broadcast radio station. It is flexible, with customizable user interfaces; and powerful with numerous features. Use it in tandem with Digilink-HD, or as a stand alone software.

Custom User Profiles: With DHD-Live, you can create unlimited user profiles. Each with their own customizable screens and arrangements. One user may prefer only hot key pages, while others choose to view all screens. Setup your screens your way, and switch between profiles at any time. Choose from Hot Keys, Playlist, Volume Control, File Info, Preview Player and more.

Multi-Monitor Support: Utilize dual monitors, or as many monitors as you can throw at it. This affords you excellent real estate to configure the DHD-Live screens how you want them. The software is also touchscreen compatible, giving you power at your fingertips.

Dynamic Live Assist: DHD-Live is designed to be an effectual live-assist tool for stations of all sizes. The playlist can be created quickly and easily, then saved for later playback. You can then fade, pause, or loop any file in the playlist.

Employ the multi-sort tool to quickly find a file. Have a song in mind, but only know the year and artist? Rapidly search by artist, and then search by a specific year to find that song. Other useful tools, such as the file info display, allow your DJ to make your live broadcast potent and compelling.

** DHD-Live operates for free when connected by USB to any USB enabled ARC or MARC series console*

Arrakis Systems inc. Loveland, CO 970-461-0730 www.arrakis-systems.com

Radio Automation

NEW~WAVE 'live & automation' software

- Perfect for Broadcast & Internet Radio
- Live On Air, hard disk Automation, & Production
- Simulcast Live, Automate, Stream, & Podcast
- Streaming Radio Server support
- Works with Streaming service providers
- Powerful Music scheduling built-in
- One week rotating Automation schedule

NEW~WAVE is a Windows PC based software solution for today's and tomorrow's professional radio applications. It is designed specifically for playing audio files from hard disk, internet streams, FTP stored audio files, MP3 players, smart phones, text to speech, and much more. NEW~WAVE brings together all of the newest technologies to produce an exciting show for your radio audience. Play live broadcasts, automated broadcasts, podcasts, and stream for internet radio... all at the same time. Most important, NEW~WAVE is quick to learn and easy to use. Designed for both novice and professional alike, it has the simplicity required to get to air quickly and yet the sophisticated features for advanced users. NEW~WAVE is available in two models. The first is software only using the PC's internal sound card. The second model is software combined with the Arrakis DHD-DAC USB audio player for a professional balanced audio & SPDIF digital output.

Interface with Arrakis ARC series consoles... When a PC running NEW~WAVE software is connected via USB cable to an Arrakis ARC series console, NEW~WAVE will auto-recognize the console and use the console's built in play-record sound card as its main sound card. The PC's internal sound card will be used for a second play output for production and cueing. This merges the console and software into a powerful integrated radio workstation.

Types of Radio Applications... NEW~WAVE is designed for file based audio playback and recording for on air or internet radio applications. The on air audio output can be sent to a transmitter for over the air broadcast and-or to another PC for streaming by SurferNetwork, Live365, or other service providers. Podcast programs can be recorded and then uploaded via standard FTP software to your server. With two sound cards the live screen can be producing (and-or recording) one program while another scheduled program can be playing from the Automation output.

Live On Air Hot Keys... The on air screen features 24 assignable hot keys that can play up to 3 keys at a time. Any number of custom hot key lists can be created for playback.

Live On Air Play List... The on air screen features a play list player. Any number of audio files can be selected from the audio library and placed into this list. The list can be named and saved for later playback. The Hot Keys and Playlist can be played at the same time to air without conflict.

On Air Automation (a second Program output)... NEW~WAVE features an automation player that plays from a schedule stored on disk. The automation player will play to the live on air sound card or to a separate sound card for automation on air while using the live on air hot keys or play list for another program.

Recording Programs for play On air, Podcasting, etc... The on air screen features a recorder for recording a live program created by the Hot Keys and Play list. When connected to an Arrakis ARC series console, the recorder will record the main Program output of the console complete with a mix of the mic, NEW~WAVE audio, and all console channels.

Voice Track Recording... Once an automation schedule is created in NEW~WAVE, voice tracks may be recorded directly in the scheduling screen. The voice tracks are automatically inserted and saved in the schedule. The overlap will be automatically set to the EOM time of the preceeding audio event. Voice tracks will be automatically deleted from the library once played in the automation player.

Perfect overlaps every time... Every audio file can be tagged with an EOM time to start play of the next audio file. Listen to the end of the audio file in the NEW~WAVE library screen and select the EOM point. When the file is played back in the play list the overlap will always be perfect.

software + DHD-DAC USB player **$1,100**

software only **$750**

Arrakis Systems inc. Loveland, CO 970-461-0730 www.arrakis-systems.com

Radio Automation

Digilink-Xtreme automation

Full Featured Automation

Xtreme is a no-compromise, full featured, professional automation system for small, medium, and major markets alike. With the Xtreme Solution your station is always up to date.

Uses a standard, inexpensive, off-the-shelf PC...
- no custom PC or expensive sound cards required.
- supports Windows XP operating system for reliability

powerful Bridge hardware...
- dual soundcards with balanced audio IO
- 16 input source switcher for Air and Recording
- satellite and console logic interface
- professional, broadcast quality interface for your PC

a Multi-studio & multi-station Product

Xtreme supports all of your station's auxiliary function studios for the TOTAL low cost of $100 per month. Also, Xtreme supports multistation groups via audio, schedule, and log import-export features. Full function remote control and voice tracking is supported by industry standard PC features.

On Air Studio

Xtreme does it All
Live on air
Satellite automation
Music on hard disk
500 event play list
300 Jingles
Phoner recorder
Ball games w delay
16 source switcher
Triple play to air & cue
much more...

Production Studios

Radio specific editors
Xtreme Production
- *Timed Net recorder*
- *Voice track recording*
- *Phoner record-editor*

X-edit-pro (free w Xtrm)
- *Multi-block splicing*
- *Stereo production*
- *Wave & MPEG files*
- *Autoleveling*
- *Auto trim silence*

Traffic & Music offices

Easy to Use
100 events per hour supports 3rd party...
Traffic & Music internal...
- *manual traffic & music scheduling*

Voice Tracking Studios

Perfect every Time
just select a line in the playlist and click on the Voice button. Xtreme automatically records, sets the overlaps, and inserts the voice track into the schedule.

Remote voice tracking is supported by industry standard PC features.

'XTREME SOLUTIONS' monthly Program

everything that you need for professional installation, training, upgrades, and support for only $100 per month.

No contract... return at any time
Free telephone training and support
Free training at the Fort Collins factory
Free software upgrades

$100
per month

No risk decision, easy to try out... only $100/month
Arrakis supplies the software & Bridge... you supply the PC.

'XTREME COMPLETE' purchase

a complete automation workstation with one year of Solutions level support

DELL PC w 3 yr warranty
Arrakis 'Bridge'
Digilink-Xtreme software
1 year support
- telephone training
- training at the factory
- software upgrades

$5,995
msrp

Arrakis Systems inc. Loveland, CO 970-461-0730 www.arrakis-systems.com

Radio Automation

Digilink-HD multistudio, multisite radio systems

On Air Software

- Triple Play Hot Keys, any number of pages
- Play list with mixed, Dual Play, or Triple Play outputs
- Hard disk or Satellite automation
- Automated Games feature... and much more

DHD-Tools

DHD-Tools software for Traffic, Production, Library Management, Music scheduling, and Local or Remote Voice Tracking

Designed from the ground up for today's fast paced, distributed content, single station or multi-site Group. It empowers local and remote talent to collaborate to deliver exciting content, build your audience share, and increase sales. DHD has the tools to enable you to work faster, work smarter, and do more.

For On Air, DHD supports live on air, live assist, hard disk automation, satellite automation, and Games automation. DHD supports multiple sound cards for interface to a console and live crossfading. DHD supports any kind of programming and any size market or multi-site group.

To manage audio content, audio files can be shared across the station or across the planet. While DHD fully supports both 3rd party traffic and music schedulers, it also features a powerful internal Traffic scheduler and sophisticated Music scheduler.

To create live sounding automation and facilitate flexible use of talent, DHD features a powerful segue editor, voice track recorder-editor, and remote voice tracking over a VPN (virtual private network). The voice track recorder-editor supports complete control plus the ability to assign a music bed under the voice track with ducking.

While Digilink-HD is used in all on air studios, a software utility named 'DHD-Tools' is used in all support studios: traffic, production, library management, music scheduling, local voice tracking, remote voice tracking, and more. The program is user configured to match the exact need of the specific studio and talent working it. DHD-Tools can be mapped to up to ten network studios (local or remote) to manage libraries, schedule, do production, and much more.

In today's competitive Radio market, product cost and the cost of support are always a consideration. So, Digilink-HD is available (1) at a per month cost as a return at any time 'Solutions' program or (2) as a traditional purchase with a year of support and optional out-of-warranty support programs. Both programs have discounted prices for two or more studios at a single site.

Digilink-HD is ideal for any size broadcast or streaming radio application.

'DHD SOLUTIONS' monthly Program

everything that you need for professional installation, training, upgrades, and support for only $200 per month.

No contract... return at any time
Free telephone training and support
Free training at the Fort Collins factory
Free software upgrades

$200 / month
1st studio on site

$100 / month
for additional studios on site

**must purchase Dell PCs from Arrakis for factory configuration*

'DHD COMPLETE' purchase

a complete automation workstation with one year of Solutions level support

DELL PC w 3 yr warranty
Arrakis 'Bridge'
Digilink-HD software
1 year support
telephone training
training at the factory
software upgrades

$10,500
1st studio on site

$6,000
for additional studios on site

Arrakis Systems inc. Loveland, CO 970-461-0730 www.arrakis-systems.com

Radio Automation

Automation Comparison Chart

STATION-GROUP TYPE	Digilink-HD	Digilink-Xtreme	New~Wave	DHD-Live	New~Wave Lite
Multisite	Yes	No	No	No	No
Single site, 1-10 Station Cluster	Yes	No	No	No	No
Single site, 1-2 Station Cluster	Yes	Yes	No	No	No
Single Station, single PC complete	Yes	Yes	Yes	Live Assist only	Live Assist only
APPLICATIONS	**Digilink-HD**	**Digilink-Xtreme**	**New~Wave**	**DHD-Live**	**New~Wave Lite**
Live assist	Yes	Yes	Yes	Yes	Yes
Streaming	Yes	Yes	Yes	Yes	Yes
Remotes	Yes	Yes	Yes	Yes	Yes
Hard disk Automation	Yes	Yes	Yes	No	No
Satellite Automation	Yes	Yes	No	No	No
Production	Yes	Yes	Yes	No	No
Game Automation	Yes	Yes	No	No	No
HARDWARE	**Digilink-HD**	**Digilink-Xtreme**	**New~Wave**	**DHD-Live**	**New~Wave Lite**
Dell PC	Yes	Optional	Optional	Optional	Optional
16 ch x 2 output stereo switcher	Yes	Yes	No	No	No
Professional Sound cards	Yes (2)	Yes (2)	Optional	Optional	Optional
AUDIO OUTPUT STREAMS	**Digilink-HD**	**Digilink-Xtreme**	**New~Wave**	**DHD-Live**	**New~Wave Lite**
Program Output(s)					
Single Mixed Play output	Yes	Yes	Yes (PC)	Yes (PC)	Yes (PC)
2 independent Play outputs	Yes	No	No	Yes*	No
3 independent Play outputs	Yes*	No	No	Yes*	No
Cue output	Yes	Yes	Yes*	Yes*	Yes*
LOCAL AREA NETWORKING	**Digilink-HD**	**Digilink-Xtreme**	**New~Wave**	**DHD-Live**	**New~Wave Lite**
Scheduling	10 Studios**	2 studios	1 studio	1 studio	1 studio
Library Management	10 Studios**	1 studio	1 studio	1 studio	1 studio
Voice Tracking	10 Studios**	2 studios	na	na	na
REMOTE NETWORKING	**Digilink-HD**	**Digilink-Xtreme**	**New~Wave**	**DHD-Live**	**New~Wave Lite**
Remote Scheduling	10 Studios**	1 studio	No	No	No
Remote Library Management	10 Studios**	No	No	No	No
Remote Voice Tracking	10 Studios**	1 studio	na	na	na
CUSTOMER SUPPORT	**Digilink-HD**	**Digilink-Xtreme**	**New~Wave**	**DHD-Live**	**New~Wave Lite**
Video Tutorials	Yes	Yes	Yes	Yes	Yes
Online Help	Yes	Yes	Yes	Yes	Yes
Software Help & Hints	Yes	Yes	Yes	Yes	Yes
PHONE SUPPORT	**Digilink-HD**	**Digilink-Xtreme**	**New~Wave**	**DHD-Live**	**New~Wave Lite**
Solutions Program'	Yes	Yes	na	na	na
Purchased product	1 year	1 year	30 minutes	30 minutes	30 minutes
Free with Purchased Console	na	na	na	$/minute	na
PURCHASE PRICE	**Digilink-HD**	**Digilink-Xtreme**	**New~Wave**	**DHD-Live**	**New~Wave Lite**
Monthly 'Solutions Program'					
1st Studio On site	$200/month	$100/month	na	na	na
Additional Studios On site	$100/month	$100/month	na	na	na
List Price					
1st Studio On site	$10,500	$5,995	$750	$299	$299
Additional Studios On site	$6,000	$5,995	$750	$299	$299

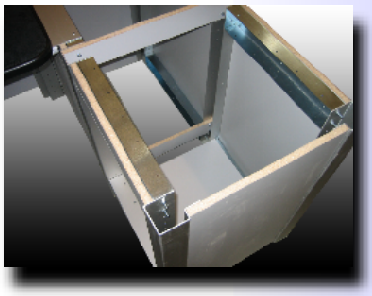
Note: the stream is present, requires an optional Arrakis DHD-DAC or a user supplied Windows compatible PC sound card*

*Note **: supports a maximum total of 10 local plus remote Network nodes*

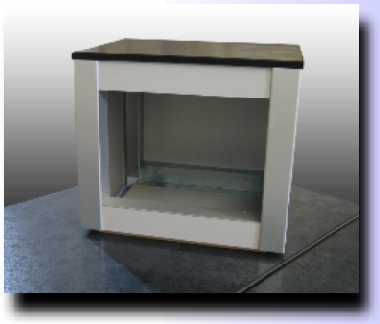
Studio Furniture

'ACCENT' line studio furniture

standard and custom colors and trims available



flexible metal and panel construction



Tabletop Equipment Rack Pod

Features...

- Advanced Component Studio Cabinetry for Radio
- Contemporary brushed metal and textured panel styling
- Brushed aluminum pedestal corners add accents & strength
- Metal trimmed rack openings for style and durability
- High Pressure laminate table surfaces over 1.25" substrates
- Advanced CNC router manufacturing for complex geometries

The highest Quality...

- Finished inside and out
- All balanced panels, laminated both sides
- Durable hard anodized aluminum corners
- Close tolerance manufacturing
- Modular for ease of expansion & repair

Interview Table

The ACCENT line of advanced component studio furniture for radio once again has redefined the standard for quality and beauty. The metal structure is artfully integrated into the visible design decor of the cabinetry, creating an even more durable and attractive studio. As the result, ACCENT is a contemporary blend of brushed metals, pleasing colors, and interesting textures. Cabinetry and electronic equipment complement each other in such a way as to create a bold visual environment for talent, guests, and clients alike.

ACCENT is available in standard models as well as custom configurations. The hybrid metal frame & structural panel design combined with Arrakis' state of the art CNC manufacturing systems easily tailors the final product to fit your exact studio's size and shape. Simply choose the colors and textures to match your decor, and let us do the rest.

Let Arrakis engineers help you design the studio to meet your exact requirements. The ACCENT line of studio furniture is specifically designed to facilitate custom work.

starting at **$2,500**

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all prices and specifications are subject to change without notice